

COURSES BY TOPIC

Course Module	Code	Course Name	Faculty Obligatory	Faculty Electives	University Obligatory	University Electives	Prerequisite	Year	Semester
Architectural design	ARCH 101	Studio 1	11					1	1
	ARCH 102	Studio 2	9				ARCH 101, ARCH 121	1	2
	ARCH 201	Studio 3	9				ARCH 102	2	1
	ARCH 202	Studio 4	9				ARCH 201	2	2
	ARCH 301	Studio 5	9				ARCH 202, ARCH 144, ARCH 121	3	1
	ARCH 303	Structural System Design	3				ARCH 112, ARCH 211, ARCH 214	3	1
	ARCH 302	Studio 6	9				ARCH 301	3	2
	ARCH 401	Studio 7	9				ARCH 302	4	1
	ARCH 403	Earthquake-Resistance Building Design				3	ARCH 216	4	1
	ARCH 402	Studio 8 (Final Project)	12				ARCH 401	4	2
ARCH 404	Research Thesis	6				ARCH 401	4	2	
Structure and Building Science	ARCH 112	Introduction to Structural Systems	3					1	2
	ARCH 211	Structural Building Components	4				ARCH 112	2	1
	ARCH 213	Statics			3			2	1
	ARCH 215	Building Material			3			2	1
	ARCH 212	Physical Environmental Analysis and Control 1	4					2	2
	ARCH 214	Structural Building Systems	4				ARCH 211	2	2
	ARCH 216	Building Statics			3		ARCH 213	2	2
	ARCH 311	Physical Environmental Analysis and Control 2	3					3	1
	ARCH 313	Strength of Materials			3		ARCH 216	3	1
	ARCH 312	Physical Environmental Analysis and Control 3	3					3	2
	ARCHE 311	Building Performance Simulation		3			ARCH 212	3	1
	ARCH 314	Building Mechanical Installations			3			3	2
	ARCHE 312	Lighting and Acoustic Simulation		3			ARCH 311	3	2
	ARCHE 411	Reinforced Concrete				4	ARCH 313	4	1
ARCHE 412	Fire Simulation		3			ARCH 312	4	1	
Architectural Theories and History	ARCH 121	Basics of Architecture and Design	4					1	1
	ARCH 122	Building Theory	2					1	2
	ARCH 124	Architectural History I	3					1	2
	ARCH 221	Islamic and Seljuk Architecture	4					2	1
	ARCH 222	Ottoman Architecture	4					2	2
	ARCHE 222	Holistic Housing Design				3		2	2
	ARCH 321	Architectural History II	3					3	1
	ARCHE 321	Traditional Turkish House		3				3	1
	ARCH 322	Republican Era Turkish Architecture	2					3	2
	ARCHE 322	Historical Turkish cities		3				3	2
	ARCH 421	Contemporary Architecture	3					4	1
	ARCHE 422	Utopia Real		3				4	2
	ARCHE 424	Ergonomics		3				4	2
restoration - conservation and city planning	ARCH 232	Urban Design	3					2	2
	ARCH 331	Conservation and Restoration of Built Heritage	3					3	1
	ARCHE 331	Theories of Urban Planning		3			ARCH 232	3	1
	ARCH 332	Architectural Survey	4					3	2
	ARCHE 332	Landscape Architecture		3				3	1
	ARCHE 433	Historical Site Protection and Restoration		4			ARCH 331, ARCH 332	4	1
ARCHE 431	City and Society				4		4	1	
Presentation and communication skills	ARCH 141	Freehand Drawing	2					1	1
	ARCH 143	Technical Drawing I	4					1	1
	ARCH 145	Model Making	3					1	1
	ARCH 142	Architectural Geometry	5					1	2
	ARCH 144	Technical Drawing II	4					1	2
	ARCH 241	Computer Aided Architectural Design	3					2	1
	ARCHE 242	Photography		3				2	2
	ARCHE 244	3D Modeling and Rendering		3				2	2
	ARCHE 342	Site Construction Management		3				3	2
	ARCHE 441	Building Information Modeling		4				4	1
ARCHE 442	Computer Graphics for Architecture				3		4	2	
General culture	TIT 101	Türk İnkılap Tarihi 1			1			1	1
	TIT 102	Türk İnkılap Tarihi 2			1			1	2
	TDL 101	Türk Dili 1			1			1	1
	TDL 102	Türk Dili 2			1			1	2
	ENG 101	Academic English 1			4			1	1
	ARCHE 152	Mathematics for Architects		3				1	2
	ARCHE 154	Computer Technology		3				1	2
	ENG 102	Academic English 2			4			2	1
	ARCH 451	Building Laws and Practice			3			4	1
	ARCHE 452	Built Environment Codes				3		3	2
	ENGR 401	Principles Of Occupational Health and Safety I			3			4	2
	ENGR 402	Principles Of Occupational Health and Safety II			3			4	2
	ARCH 300	Internship in Construction Site	3					3	1
	ARCH 400	Internship in Architectural Office	4					4	1

COURSES BY SEMESTER

year	First Year						Second Year						Third Year						Fourth Year													
semester	Winter			Summer			Winter			Summer			Winter			Summer			Winter			Summer										
Type	Course Title	th	pr	ECTS	Course Title	th	pr	ECTS	Course Title	th	pr	ECTS	Course Title	th	pr	ECTS	Course Title	th	pr	ECTS	Course Title	th	pr	ECTS								
Faculty obligatory courses	ARCH 101 Studio 1	2	6	11	ARCH 102 Studio 2	0	6	9	ARCH 201 Studio 3	0	6	9	ARCH 202 Studio 4	0	6	9	ARCH 301 Studio 5	0	6	9	ARCH 302 Studio 6	0	6	9	ARCH 401 Studio 7	0	6	9	ARCH 402 Studio 8 (Final Project)	0	6	12
	ARCH 121 Basics of Architecture and Design	2	1	4	ARCH 122 Building Theory	2	0	2					ARCH 212 Physical Environmental Analysis and Control 1	2	1	4	ARCH 311 Physical Environmental Analysis and Control 2	2	1	3	ARCH 312 Physical Environmental Analysis and Control 3	3	0	3					ARCH 404 Research Thesis	2	0	6
	ARCH 141 Freehand Drawing	0	2	2	ARCH 112 Introduction to Structural Systems	1	2	3	ARCH 211 Structural Building Components	2	2	4	ARCH 214 Structural Building Systems	2	2	4	ARCH 303 Structural System Design	1	2	3												
					ARCH 124 Architectural History I	2	0	3	ARCH 221 Islamic and Seljuk Architecture	3	1	4	ARCH 222 Ottoman Architecture	3	1	4	ARCH 321 Architectural History II	2	0	3	ARCH 322 Republican Era Turkish Architecture	2	0	2	ARCH 421 Contemporary Architecture	2	0	3				
	ARCH 145 Model Making	0	2	3	ARCH 142 Architectural Geometry	2	2	5	ARCH 241 Computer Aided Architectural Design	0	2	3	ARCH 232 Urban Design	2	1	3	ARCH 331 Conservation and Restoration of Built Heritage	2	1	3	ARCH 332 Architectural Survey	2	2	4								
	ARCH 143 Technical Drawing I	2	2	4	ARCH 144 Technical Drawing II	2	1	3							ARCH 300 Internship in Construction Site	0	0	3					ARCH 400 Internship in Architectural Office	0	0	4						
Faculty Elective courses					ARCHE 152 Mathematics for Architects	2	0	3				ARCHE 242 Photography	1	1	3	ARCHE 321 Traditional Turkish House	2	0	3	ARCHE 322 Historical Turkish cities	2	0	3				ARCHE 424 Ergonomics	2	0	3		
								ARCHE 244 3D Modeling and Rendering	1	2	3		ARCHE 311 Building Performance Simulation	0	2	3	ARCHE 312 Lighting and Acoustic Simulation	0	2	3				ARCHE 452 Built Environment Codes	2	1	3					
													ARCHE 342 Site Construction Management	2	2	3	ARCHE 341 Site Construction Management	2	2	3	ARCHE 441 Building Information Modeling	1	2	4	ARCHE 422 Utopia Real	2	1	3				
												ARCHE 331 Theories of Urban Planning	2	2	3	ARCHE 332 Landscape Architecture	1	2	3	ARCHE 433 Historical Site Protection and Restoration	2	2	4	ARCHE 412 Fire Simulation	0	2	3					
University obligatory courses	TIT 101 Türk İnkılap Tarihi 1	2	0	1	TIT 102 Türk İnkılap Tarihi 2	2	0	1	ENG 102 Academic English 2	3	0	4					ENGR 401 Principles Of Occupational Health and Safety I	2	3	3	ARCH 451 Building Laws and Practice	2	2	3	ENGR 402 Principles Of Occupational Health and Safety II	2	3	3				
	TDL 101 Türk Dili 1	2	0	1	TDL 102 Türk Dili 2	2	0	1	ARCH 213 Statics	2	1	3	ARCH 216 Building Statics	2	1	3	ARCH 313 Strength of Materials	2	1	3	ARCH 314 Building Mechanical Installations	2	1	3	ARCH 403 Earthquake-Resistance Building Design	1	2	3				
	ENG 101 Academic English 1	3	0	4				ARCH 215 Building Material	2	0	3																					
University elective courses				ARCHE 154 Computer Technology	1	1	3					ARCHE 222 Holistic Housing Design	2	1	3					ARCHE 411 Reinforced Concrete	2	1	4	ARCHE 442 Computer Graphics for Architecture	1	2	3					
																				ARCHE 431 City and Society	2	1	4									

ELECTIVES

1st Year	2nd Semester <i>1 obligatory</i>	ARCHE 152 Mathematics for Architects ARCHE 154 Computer Technology
2nd Year	3rd Semester <i>1 obligatory</i>	ARCHE 242 Photography ARCHE 244 3D Modeling and Rendering ARCH 222 Ottoman Architecture
3rd Year	5th Semester <i>1 obligatory</i>	ARCHE 321 Traditional Turkish House ARCHE 311 Building Performance Simulation ARCHE 331 Theories of Urban Planning
	6th Semester <i>2 obligatory</i>	ARCHE 322 Historical Turkish cities ARCHE 312 Lighting and Acoustic Simulation ARCHE 342 Site Construction Management ARCHE 332 Landscape Architecture
4th Year	7th Semester <i>2 obligatory</i>	ARCHE 441 Building Information Modeling ARCHE 411 Reinforced Concrete ARCHE 431 City and Society ARCHE 433 Historical Site Protection and Restoration
	8th Semester <i>3 obligatory</i>	ARCHE 424 Ergonomics ARCHE 452 Built Environment Codes ARCHE 422 Utopia Real ARCHE 412 Fire Simulation ARCHE 442 Computer Graphics for Architecture